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Electronic Patent Application Submission
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EFS ID: 52369
Application ID: 10634577
Title of Invention: MAGNETORHEOLOGICAL FLUID
CONTROLLED MUD PULSER
First Named Inventor: Michael Fripp
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-08-05
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Submission Type: Information Disclosure
Filing Type:
Confirmation number: 6984
Attorney Docket Number: 139141100




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Digital Certificate Holder: cn=Derek V. Forinash,ou=Registered Attorneys,ou=Patent and
Office,ou=Department of Commerce,o=U.S. Government,c=US
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**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	MAGNETORHEOLOGICAL FLUID CONTROLLED MUD PULSER								
<p>Application Number: 10/634577 </p> <p>Date: 2003-08-05</p> <p>First Named Applicant: Michael</p> <p>Confirmation Number: 6984</p> <p>Attorney Docket Number: 139141100</p>									
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Submitted by:	Elec. Sign.	Sign. Capacity							
DEREK V. FORINASH Registered Number: 47,231	Derek V. Forinash	Attorney							
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>IDS41100-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>		Documents being submitted	Files	us-ids	IDS41100-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files								
us-ids	IDS41100-usidst.xml								
	us-ids.dtd								
	us-ids.xsl								
Comments									



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	MAGNETORHEOLOGICAL FLUID CONTROLLED MUD PULSER
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Application Number: 10/634577

Confirmation Number: 6984

First Named Applicant: Michael Fripp

Attorney Docket Number: 139141100

Art Unit: 3745

Search string: (4785300 or 5040155 or 5073877 or 5115415 or
5586084 or 5636178 or 5787052 or 6219301 or
6257356 or 6421298 or 6469367 or
20030019622).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4785300	1988-11-15	Chin et al			
	2	5040155	1991-08-13	Feld			
	3	5073877	1991-12-17	Jeter			
	4	5115415	1992-05-19	Mumby et al			
	5	5586084	1996-12-17	Barron et al			
	6	5636178	1997-06-03	Ritter			
	7	5787052	1998-07-28	Gardner et al			
	8	6219301	2001-04-17	Moriarty			
	9	6257356	2001-07-10	Wassell			
	10	6421298	2002-07-16	Beattie et al			
	11	6469367	2002-10-22	Kondo et al			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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		20030019622	2003-01-30	Goodson, Jr. et al
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Signature

Examiner Name	Date